Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mandatory Study Guide: Decimal Unit** Due \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the questions on a **separate** sheet of paper.

**Decimal Language and Understanding (Lessons 1 and 2)**

Write each decimal using words for questions 1 – 3.

1. 6.021 2. 201.51 3. 0.031

4. Place 1.3, -0.5, -0.8, 0.25, 0.85, -1.2 and -0.45 on the number line.

5. Place in order from least to greatest: 2.034, 2.04, 2.023, 2.7

6. Label each letter with its decimal value.

7. Label each letter with its decimal value.

**Decimal Computation – Solve and CHECK your work (Lessons 3, 4, 5)**

8. 3.9 + (-6.57) 9. 2.05 – 7.18 10. -14 – 8.6

11. 2 + 3.5 + 20 +0.078 12. 62.4 ÷ 3.9 13. 51.15 ÷ 5.5

14. 3.4 x 7.2 15. 962.4 ÷ 8 16. 3 ÷ 8

**Balancing Equations - Solve and CHECK your work (Lesson 6A and B)**

17. Y – 48.763 = 0.5 18. V + 47.73 = -58.109 19. P + 22 = 13.73

20. -4.87 = n - 0.97 21. 0.7H = -4.2 22. K = -0.07

-1.2

23. 9k = 2.34 24. -0.007x = 0.2002

**Writing Equations – Write equations, Solve and CHECK your work (Lesson 6C)**

25. Lisa wrote a check for $15.23. She was left with $156.89 in her account. How much money did she start with?

26. Erin buys 12 pounds of potatoes at the grocery store. Her bill is $4.50. How much did each pound of potatoes cost?

27. Andrew split a pan of brownies evenly between his five friends. If each friend got 1.75 brownies, how many were in the pan to start with?

**It is STRONGLY recommended that *in addition* to this study guide you study and practice with your homework sheets, your old quizzes, and your notes.**